Geology Merit Badge Outline

Theme: The study of geology at Russell Cave is important to understanding the natural processes that created Russell Cave and the local landscape.

Goals: (1) Scouts will learn the importance that geology plays a part in at Russell Cave. (2) Scouts will learn the formation and estimated time represented during the formation of Russell Cave. (3) Scouts will learn the education requirements it takes to be a geologist and the skills it takes to work for the Department of the Interior.

Objective: To provide scouts with the information about rock formations and the geology associated with Russell Cave.

I. Study of Geology
   a. Study of the earth
   b. Materials and Structures
   c. Study natural hazards
II. Geology at Russell Cave
   a. Limestone Rocks (sedimentary)
   b. Natural processes that created the cave
   c. Resources extracted in local area (coal)
III. Education it takes to be a geologist
   a. Bachelor of Arts Degree in Geology (designed for industry or government agencies)
   b. Bachelor of Science in Education in Earth Science (secondary earth science teacher)
   c. Minor in Environmental Geology, Geology, or Earth Science
   d. Program learning outcomes
IV. Career opportunities in Geology
   a. Natural Resource Companies
   b. Universities
   c. Government Agencies
V. Let's rock it out
   a. Geology is the study of the composition of earth minerals, structures and processes
   b. Relating the study of geology to Russell Cave
   c. What it takes to be a geologist

Works Citied

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